THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P. V. RANGAYYA NAIDU): (a) and (b) Unit IV of the Farakka Super Thermal Power Project of the National Thermal Power Corporation (NTPC) failed because of collapse of pass D of Electro-Static Precipitators (ESPs). Strengthening of structure of A, B, C passes is in progress. Detailed programme for supply, erection and commissioning of D pass is yet to be finalised by the supplier. Coal firing of the unit is expected by December, 1994 and full load operation is expected by October, 1995.

(c) Farakka Stage II (Unit IV & V) was sanctioned in Sept. 1984 at an estimated cost of Rs. 864.48 crores. The lastest estimated cost of the project is about Rs. 2114.20 crores. The estimated cost over run is thus about Rs. 1249.72 crores.

(d) No, Sir.

(e) During synchronisation, the unit achieved maximum load of 120 MW on 7-3-1994.

(f) In view of the collapse of the ESP of Unit IV, it was considered prudent to await the outcome of the investigations of the Enquiry Committee and in line with the recommendations of the Committee, steps have been taken for strengthening the ESP.s Unit V also. The trial operation of the unit is expected by December, 1994.

लिग्नाइट पर आधारित विद्युत स्टेशनों के लिए पोलैंड और गुजरात सरकार के मध्य समझौता

2031. श्रीमती उर्मिला चिमनभाई पटेल :

क्या विद्युत मंत्री यह बताने की कृपा करेंगे कि:

(क) क्या गुजरात सरकार ने पोलैण्ड के सहयोग से कच्छ और भावनगर में लिग्नाइट पर आधारित विद्युत केन्द्र स्थापित करने का समझौता किया है;

(ख) यदि हां, तो क्या इन क्षेत्रों में विद्युत केन्द्रों के निर्माण का कार्य आरंभ हो गया है;

(ग) यदि नहीं, तो इसके मुख्य कारण क्या हैं; और

(घ) इन योजनाओं के निर्माण का कार्य कब से आरम्भ होने की संभावना है ?

विद्युत मंत्रालय में राज्य मंत्री (श्री पी० वी० रंगैया नायडू) : (क) से (छ) सूचना एकत्र की जा रही है और सभा पटल पर रख दी जाएगी ।

Environmental action plan of NTPC

2032. SHRI KRISHNA KUMAR BIRLA: Will the Minister of POWER be pleased to state:

(a) whether the NTPC with the concurrence of the World Bank has embarked on environmental action plan around its power plants in various States;

(b) if so, the details thereof and how much assistance the World Bank has granted for the said task;

(c) what are NTPC's plans to ensure Zero discharge of industrial of effluents; and

(d) by when the environmental plan is likely to be implemented in all the NTPC power stations ?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P. V. RANGAYYA NAIDU): (a) and (b) The Environmental Action Plan of NTPC for its power plants in various States, inter-alia, includes :—

(i) Upgradation of Electrostatic precipitators wherever necessary.

(ii) Implementation of comprehensive effluent discharge schemes.

(iii) Implementation of Resettlement & Rehabilitation (R&R) Action Plan in accordance with the R&R Policy approved by Government of India.

(iv) Implementation of ecological monitoring studies, ground level contamination monitoring studies, etc.

(v) Implementation of safety and hazard management plans.

Part of the funds required for the implementation of the action plan would be provided by the World Bank under the US $ 400 million NTPC Power Generation Project Loan.

(c) Studies have been initiated by the NTPC to explore the possibilities of zero discharge of effluents from their power plants.

(d) The Environmental Action Plan will be implemented in phases by 1989-99 for the activities identified to be executed at present.

Power generation in Gujarat and Maharashtra

2033. SHRIMATI CHANDRIKA ABHINANDAN JAIN: Will the Minister of POWER be pleased to state:

(a) whether the Central Government are making any efforts for increasing the capacity of the existing power generation centres situated in Maharashtra and Gujarat;

(b) if so, the details thereof and what has been the extent of increase in the power generation capacity during the last three years, year-wise; and

(c) what are the names of the power generation centres in Maharashtra and Gujarat whose production capacity has been increased during the Seventh Plan period?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P. V. RANGAYYA NAIDU): (a) Yes, Sir.

(b) The following thermal units are under execution in Maharashtra and Gujarat to increase the capacity of the existing power generation centres:

S. No.	Name of Project/Unit	Capacity (MW)	Expected schedule	Commissioning
(A) *Maharashtra*				
1.	Uran Waste Heat-2	120	8/94	
2.	DO. —3	120	The commissionin schedule will be worked out after orders for main plant and equipment are placed.	
3.	Chandrapur—7	500	1997-98	
4.	Trombay CCGT ST	60	10/94	
(B) *Gujarat*				
1.	Kutch lignite—3	75	1997-98	